

POSITION STATEMENT

TEXAS SOCIETY FOR BIOMEDICAL RESEARCH

The Use of Transgenic Animals in Science

The Texas Society for Biomedical Research (TSBR), representing academic, medical, and research institutions in Texas, is dedicated to the improvement of health and well being for all life through advances in basic biomedical research. Transgenic studies, involving the insertion or deletion of genetic materials, are being used in many promising areas of biomedical research.

Scientists use transgenic animals in basic research to better understand normal and abnormal biochemical events in the cells. The prevention and treatment of many human and animal diseases such as cancer can benefit from the information gained from transgenic animal research. Transgenic animals are also valuable in the drug development process, providing a more accurate way to assess the effectiveness of new medications. Transgenic animals may also provide new organs for human transplantation.

Biomolecular animal research conducted in accordance with federal, state, and local laws and regulations is supported by the TSBR.

Respect for the humane care and judicious use of animals in research is of importance to the TSBR and scientists across Texas. Implicit in this respect is that the animals are legally acquired, receive the highest standards for their care, and that their welfare remains important in the quest for new scientific knowledge and contributions to humanity.

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